

FIG. 1

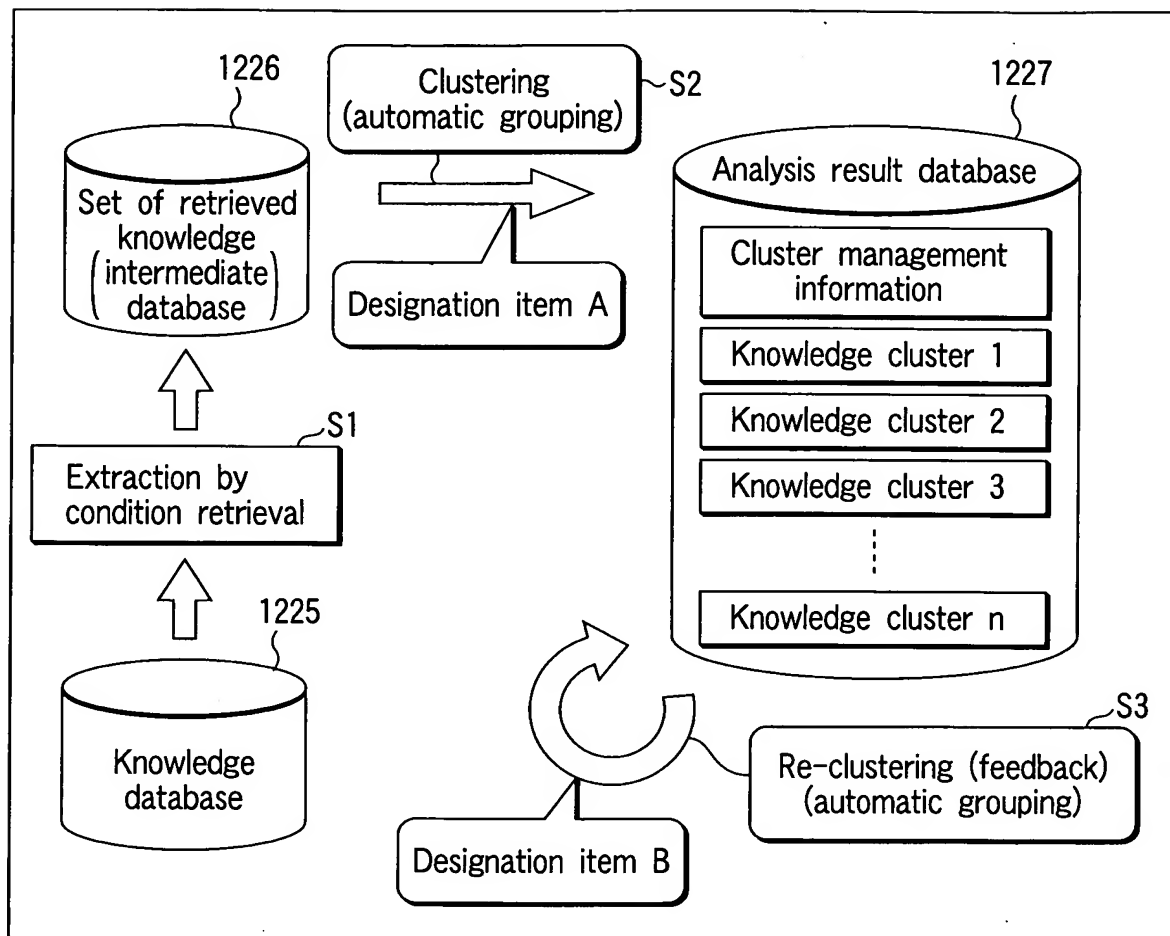


FIG. 2

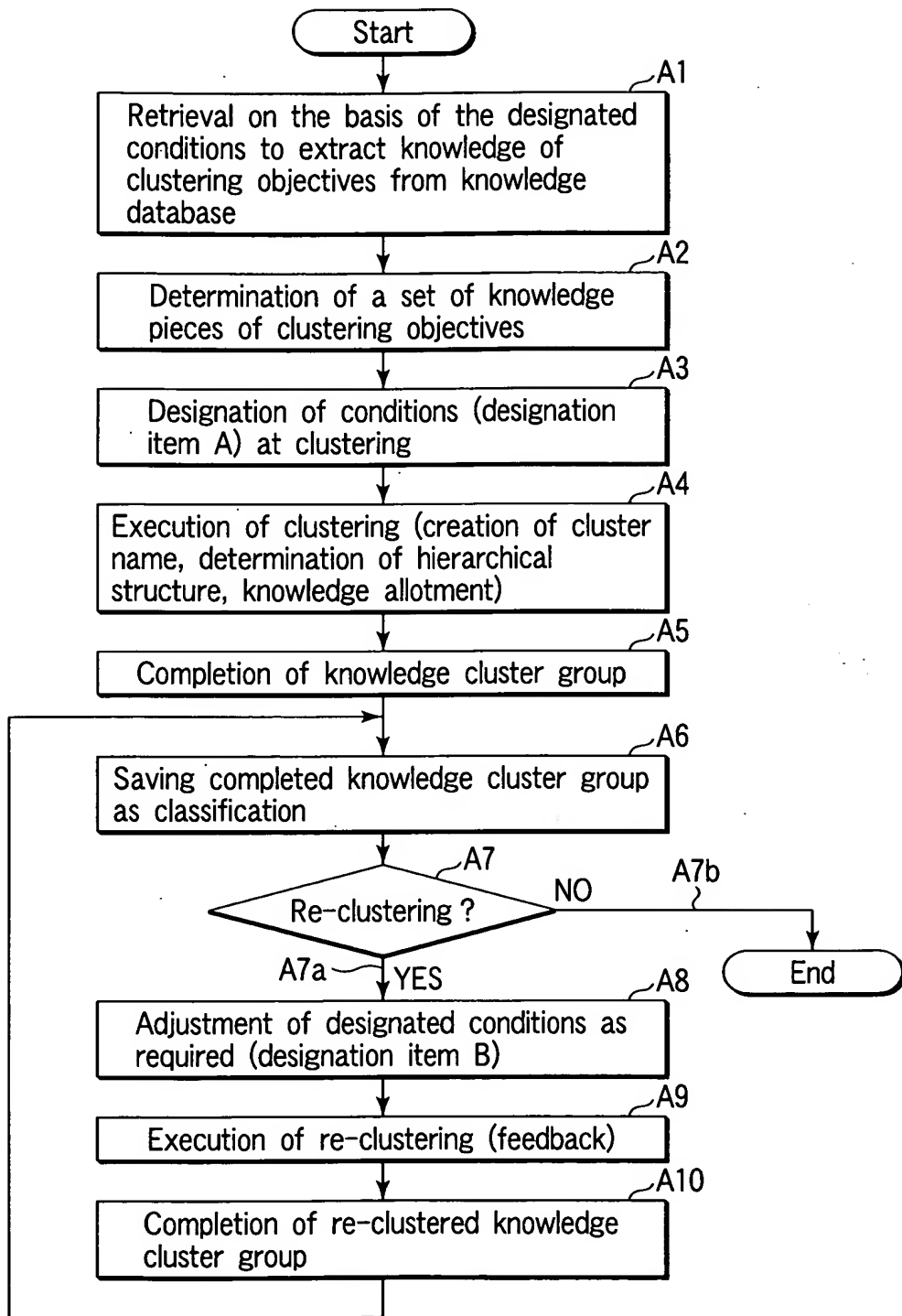


FIG. 3

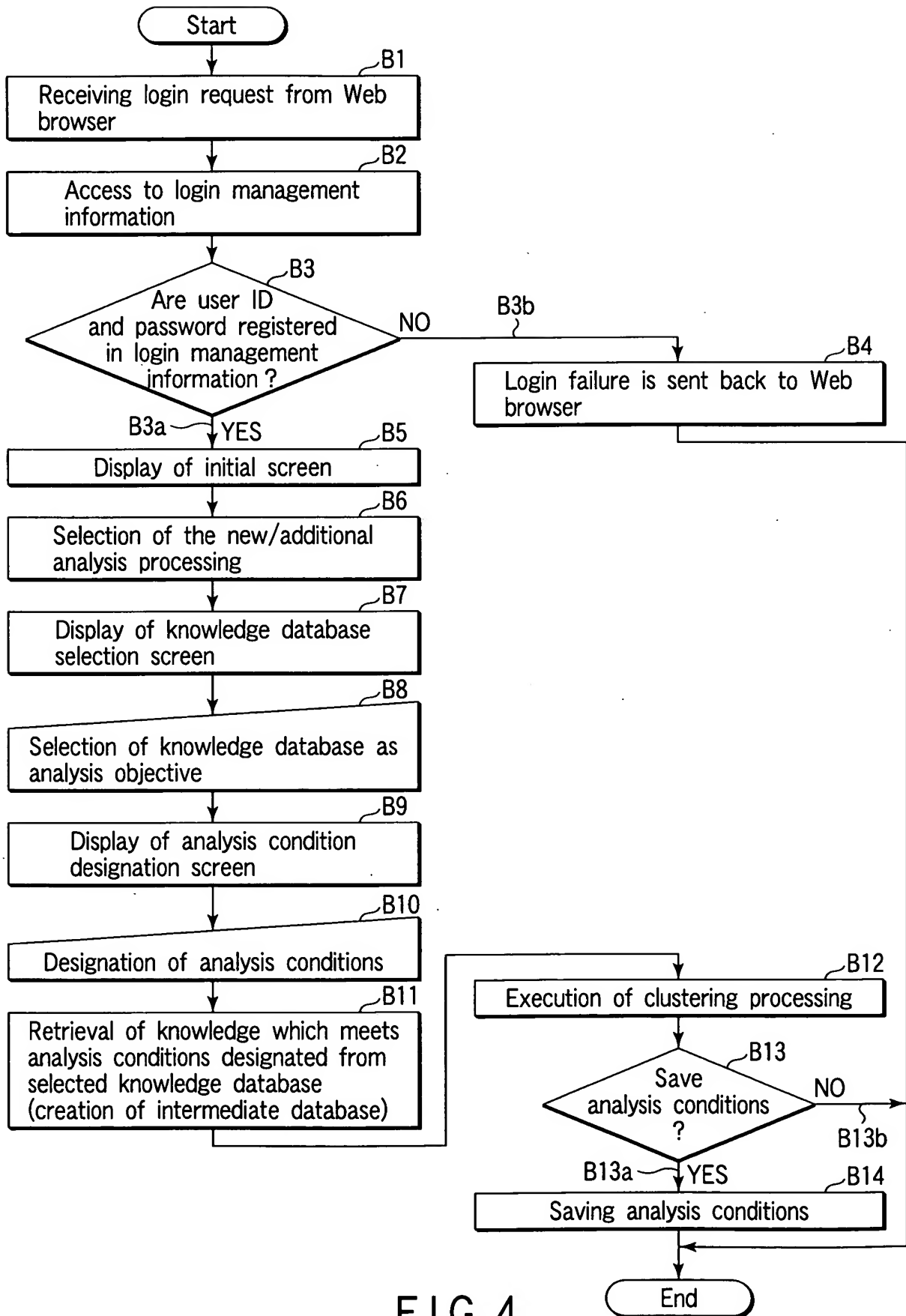


FIG. 4

Initial screen	Select the menu you want from the following menus	Enter
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New/additional analysis processing Select this when you want to carry out knowledge analysis newly, or to carry out additional knowledge analysis on the basis of existing analysis results

Re-analysis/editing processing Select this when you want to reconfigure existing analysis results, or to examine existing analysis results

FIG.5

To analysis condition
designation screen in FIG. 7

Knowledge database : 6 cases			Select knowledge databases as analysis objectives	Select
<input type="checkbox"/>	Objective	Knowledge database	Comment	The number of databases
<input checked="" type="checkbox"/>	10,000 cases database	(No.1	10225 cases)	
<input checked="" type="checkbox"/>	XXnewspaper article	(as of 1999	10000 cases)	
<input type="checkbox"/>	Faq2	(Faq2	1234 cases)	
<input type="checkbox"/>	MAGNIA_FAQ	(MAGNIA_FAQ	5678 cases)	
<input type="checkbox"/>	Company information	(collection of KYOCOS company information	555 cases)	
<input type="checkbox"/>	Support technical information	(support technical information	4810 cases)	
		:	:	:

FIG.6

↑ To Analysis condition saving screen in FIG. 8

Extraction by condition retrieve (s1),
Execution of clustering (s2) →

Analysis condition designation Input analysis conditions Enter To analysis condition reading screen in FIG. 10

Analysis condition saving End Analysis condition reading

Analysis objective DB : • 10000 cases db (No.1 10225 cases) • XXnewspaper article (as of 1999 10000 cases)

Analysis result name : Market trend analysis results of 10000 cases db & XXnewspaper articles (1996 to 2000)

Analysis objective period : January 1 1996 to December 31 2000

Focusing keyword : Tokyo New York London

Number of focusing cases : 1000

Number of hierarchies : ○ 1-class layer ● 2-class layer ○ 3-class layer ○ 4-class layer ○ n-class layer

Overlap of knowledge : ● Present ○ Absent

Maximum number of most significant clusters : 20

Important word : Market price Market Stocks Securities Pensions Economy Banks
Money interests Currency

Unnecessary word : Sports Social issues Accidents

Synonymous word : NY = New York = NEW YORK;
●●● = ○○○○ ;

↑

FIG. 7

Saving analysis conditions

Analysis condition saving	Enter analysis condition name to save	Enter
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Analysis condition name : Market trend analysis results of 10000 cases db & XXnewspaper articles (1996 to 2000)

Analysis objective period : January 1, 1966 to December 31, 2000

Focusing keyword : Tokyo New York London

Number of focusing cases : 1000 cases

Number of hierarchies : 2-class hierarchy

Maximum number of most significant clusters : 20 pieces

Overlap of sentence : Present

Important word : Market price Market Stocks Securities Pensions Economy Banks
Money interests Currency

Unnecessary word : Sports Social issues Accidents

Synonymous word : NY = New York = NEW YORK;
●●● = ○○○○ ;

FIG.8

20220929 10083563.022702

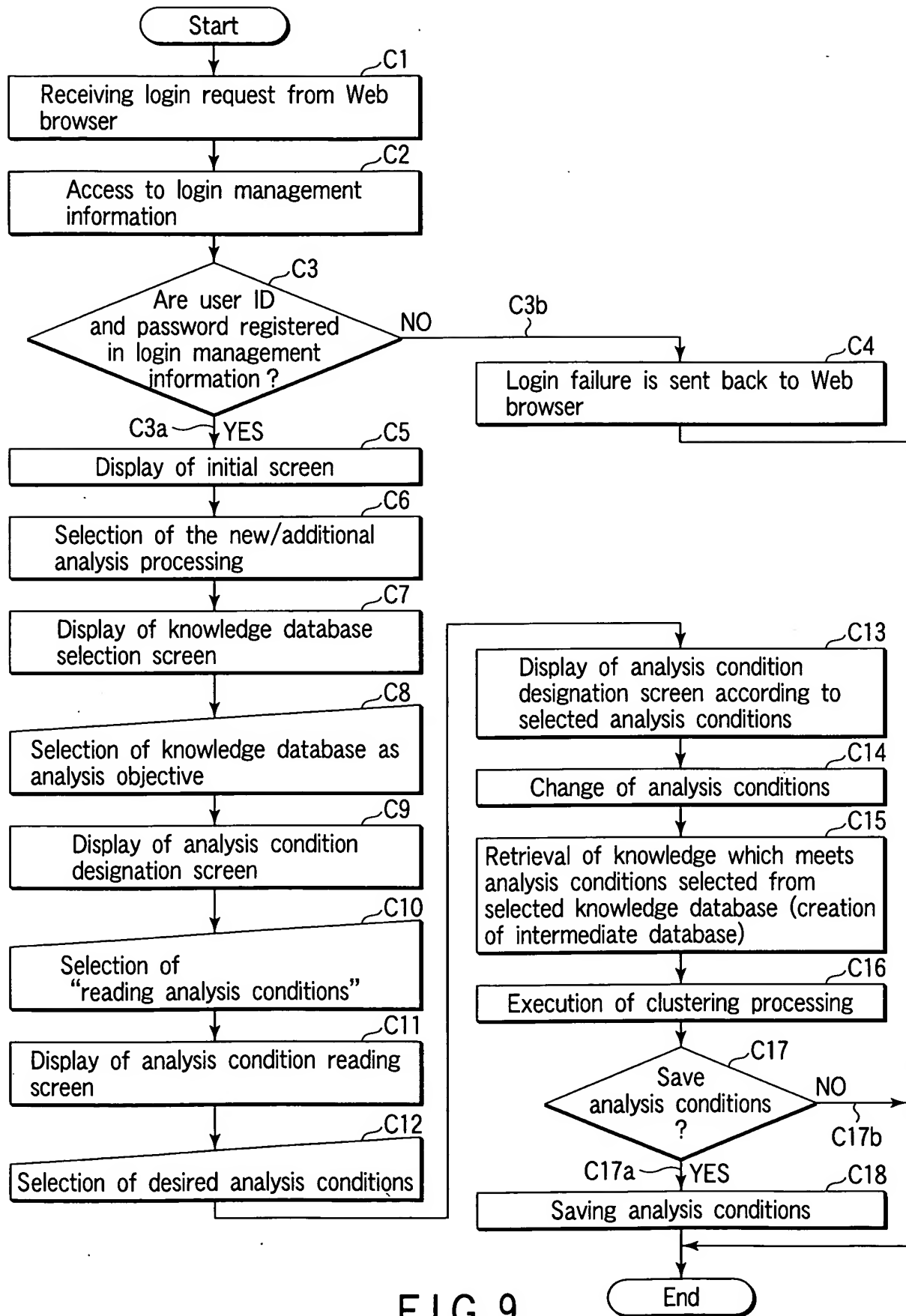


FIG. 9

Analysis conditions reading and to analysis
condition designation screen in FIG. 7

Analysis conditions reading : 4 cases in total		Select analysis conditions	Select
Objective	Analysis conditions	Date of creation	
<input checked="" type="radio"/> 10000 cases db & XXnewspaper article market trend analysis results		2001/01/01 00:23	
<input type="radio"/> Setting for <input checked="" type="radio"/> analysis of <input type="radio"/> DB		2001/02/02 09:20	
<input type="radio"/> CCCC		2001/03/03 18:00	
<input type="radio"/> DDDD		2001/04/01 22:00	
		:	
		:	
		:	

FIG.10

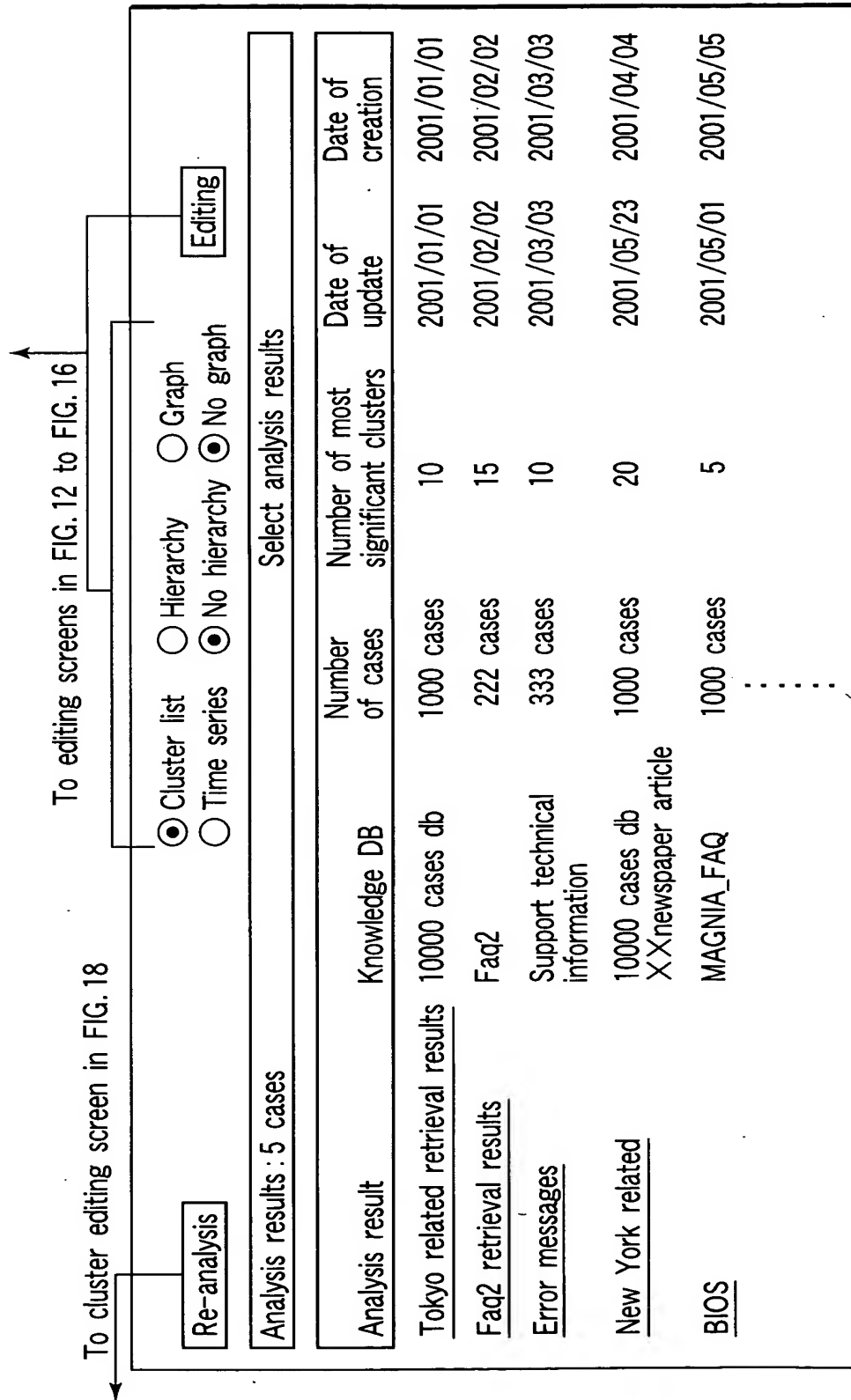


FIG.11

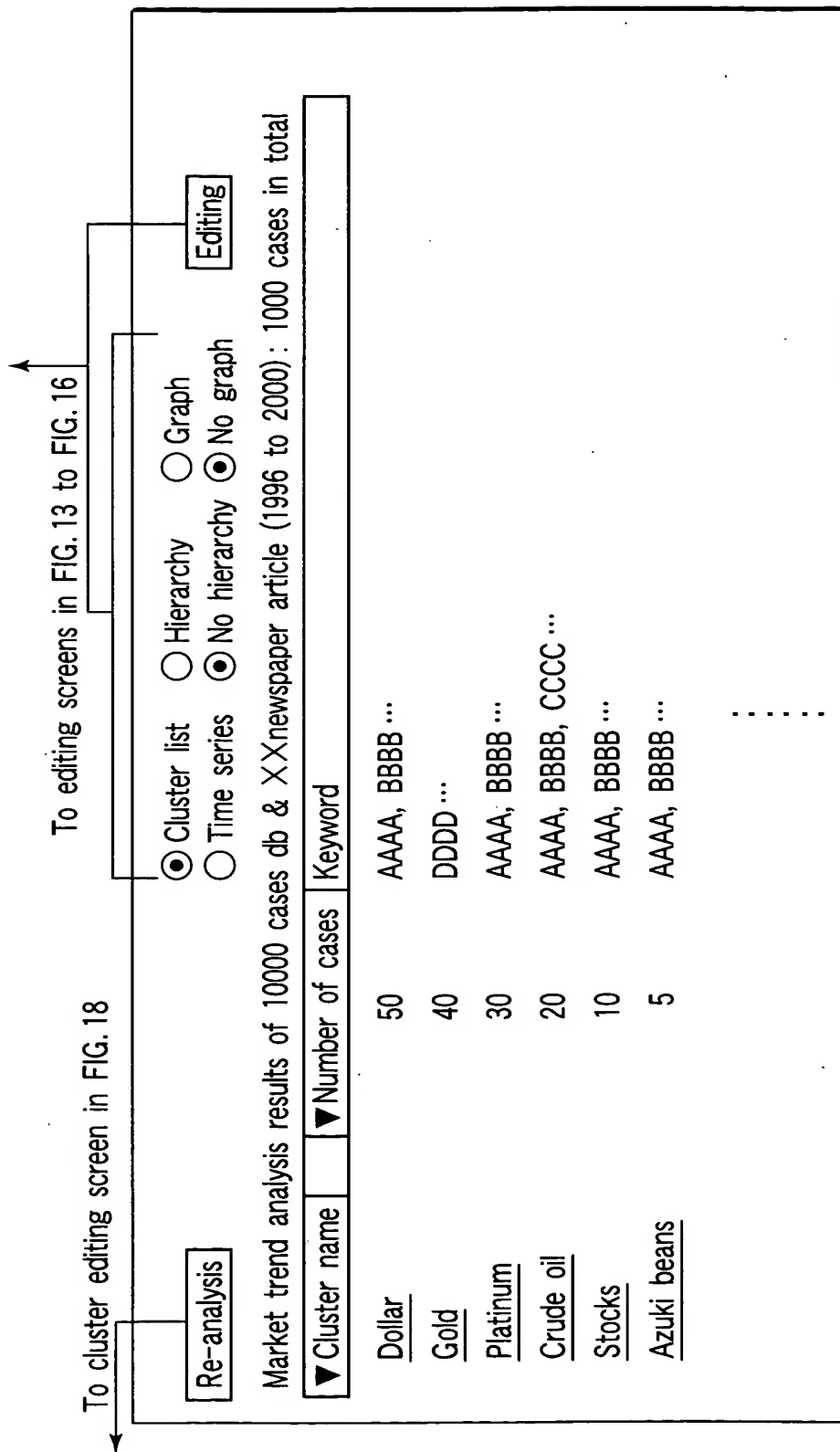


FIG. 12

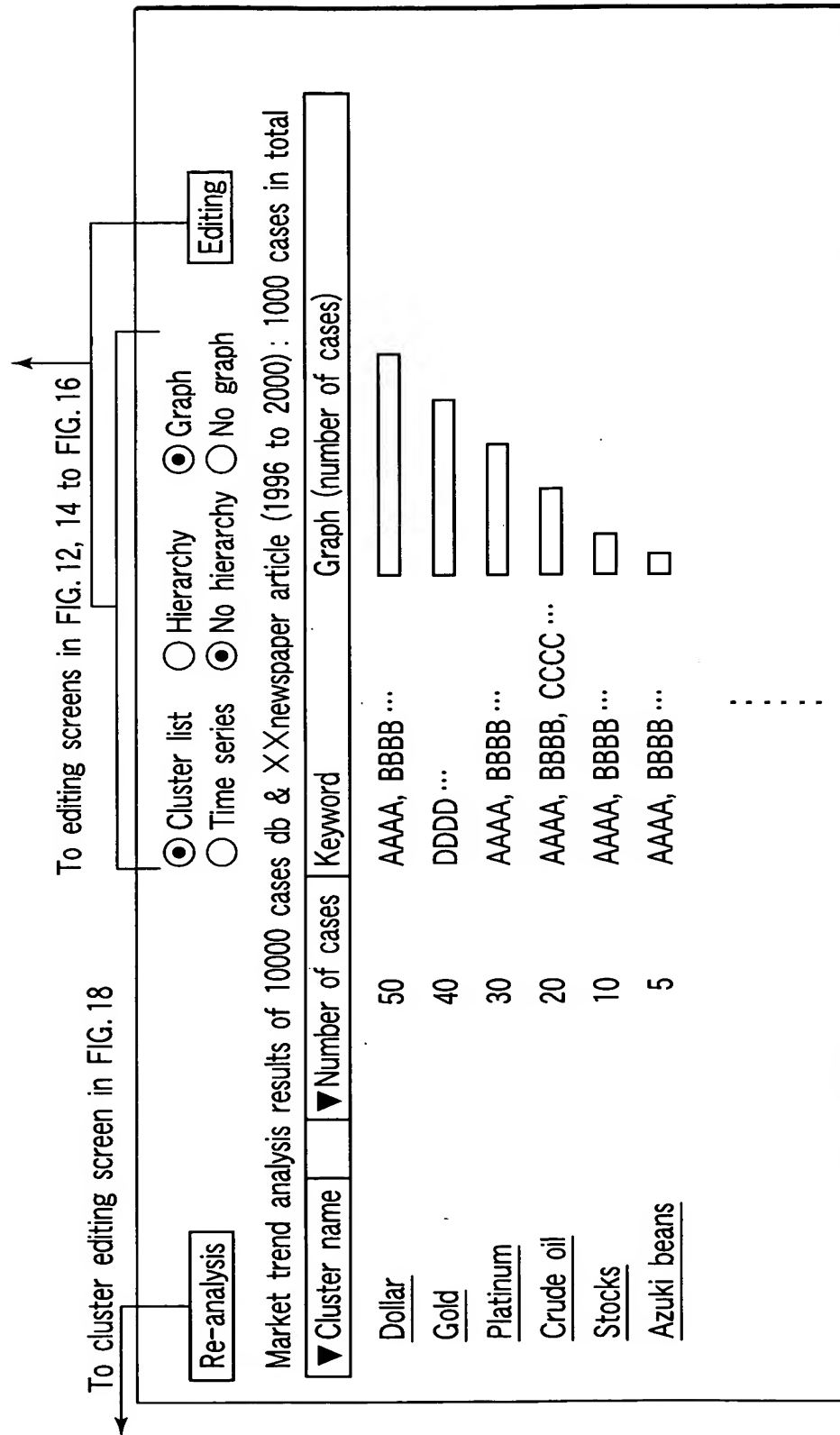


FIG. 13

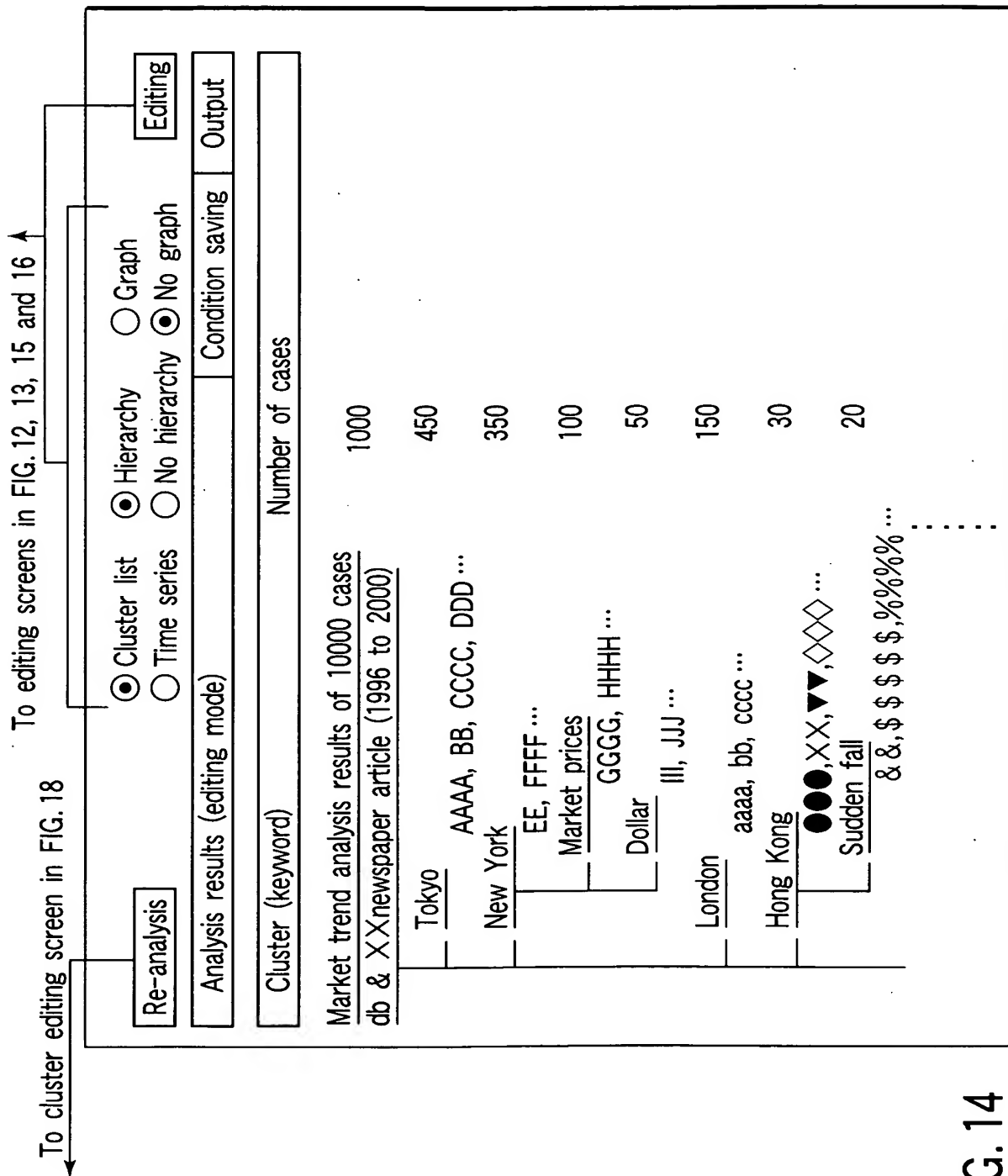


FIG. 14

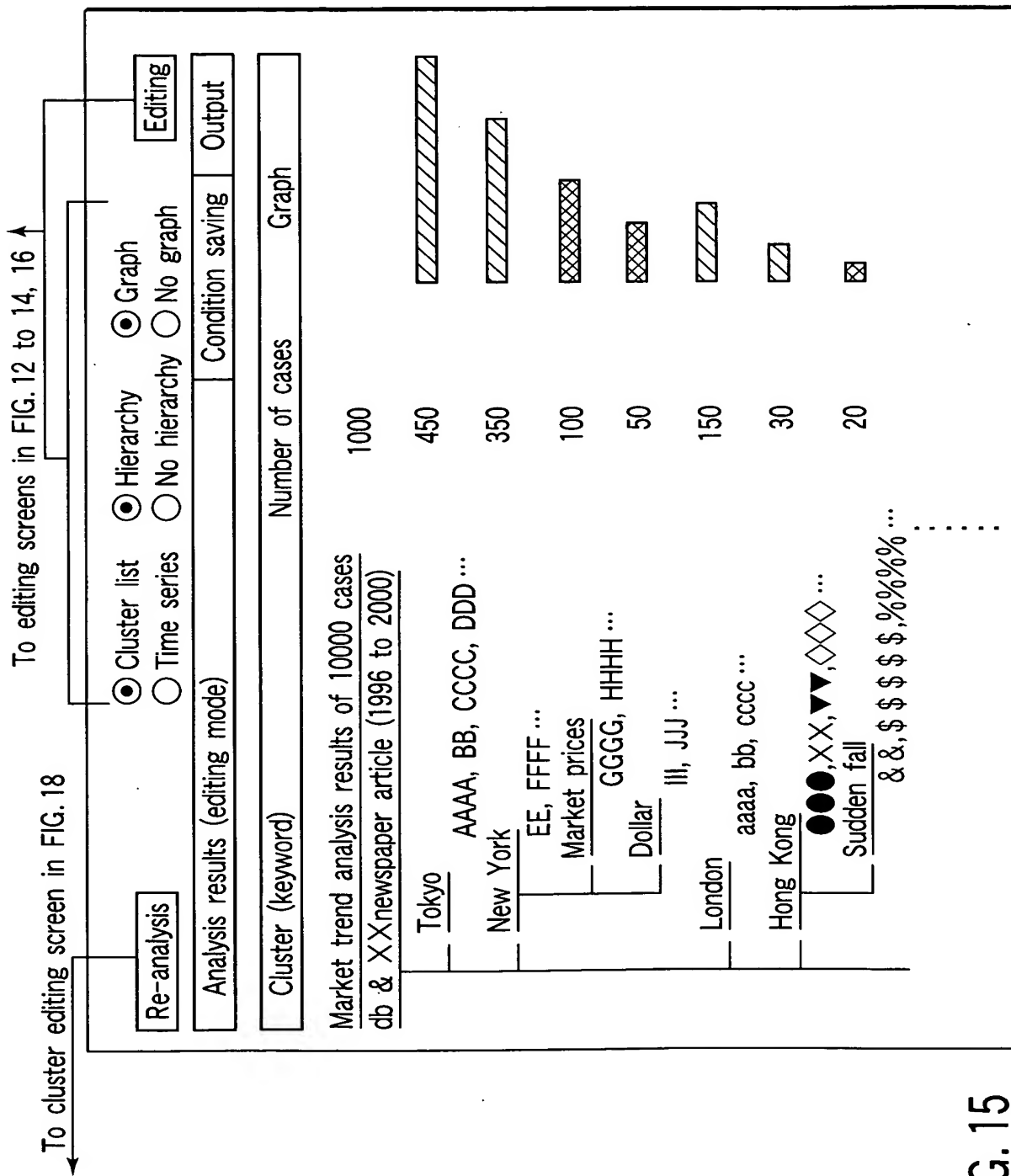


FIG. 15

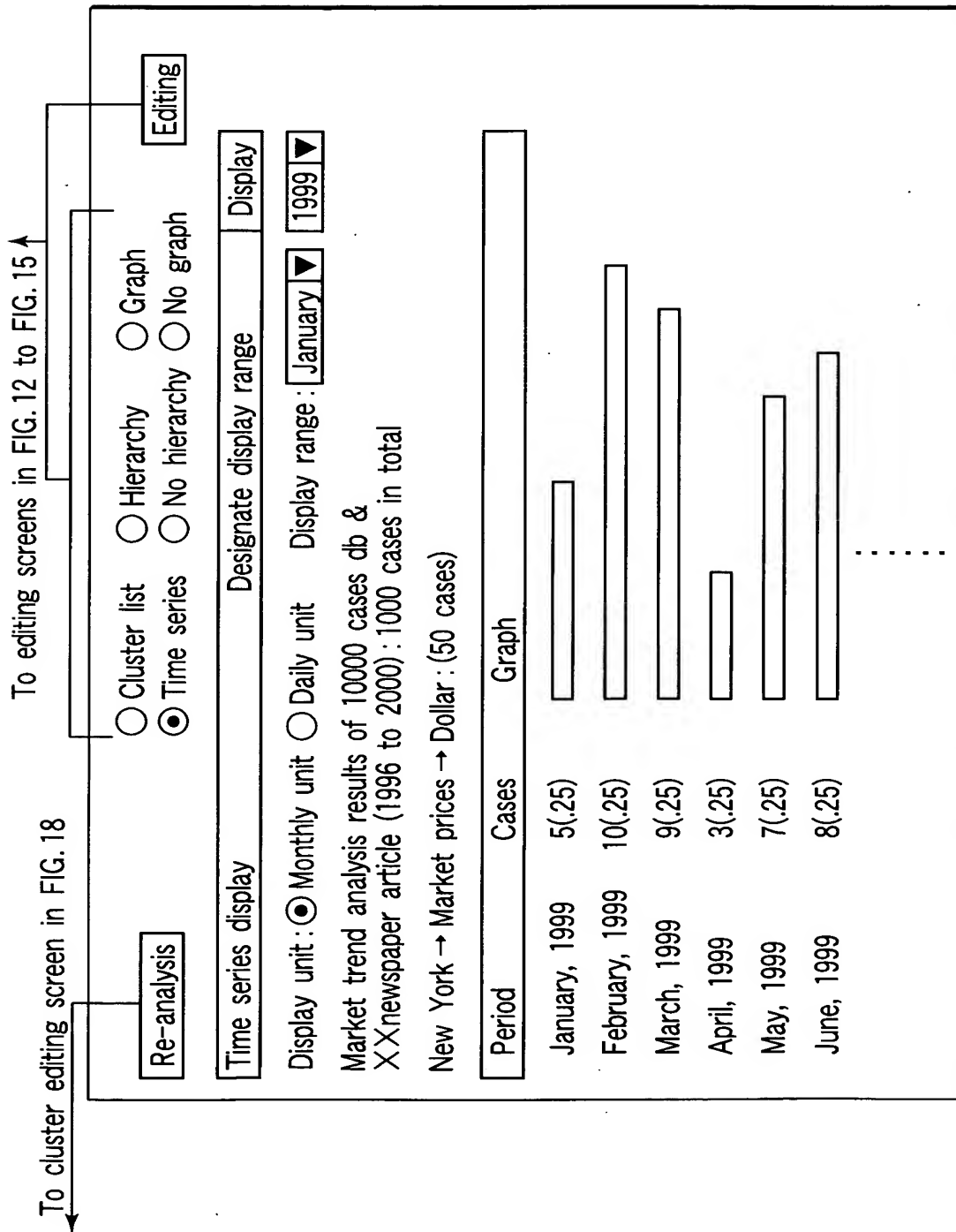


FIG. 16

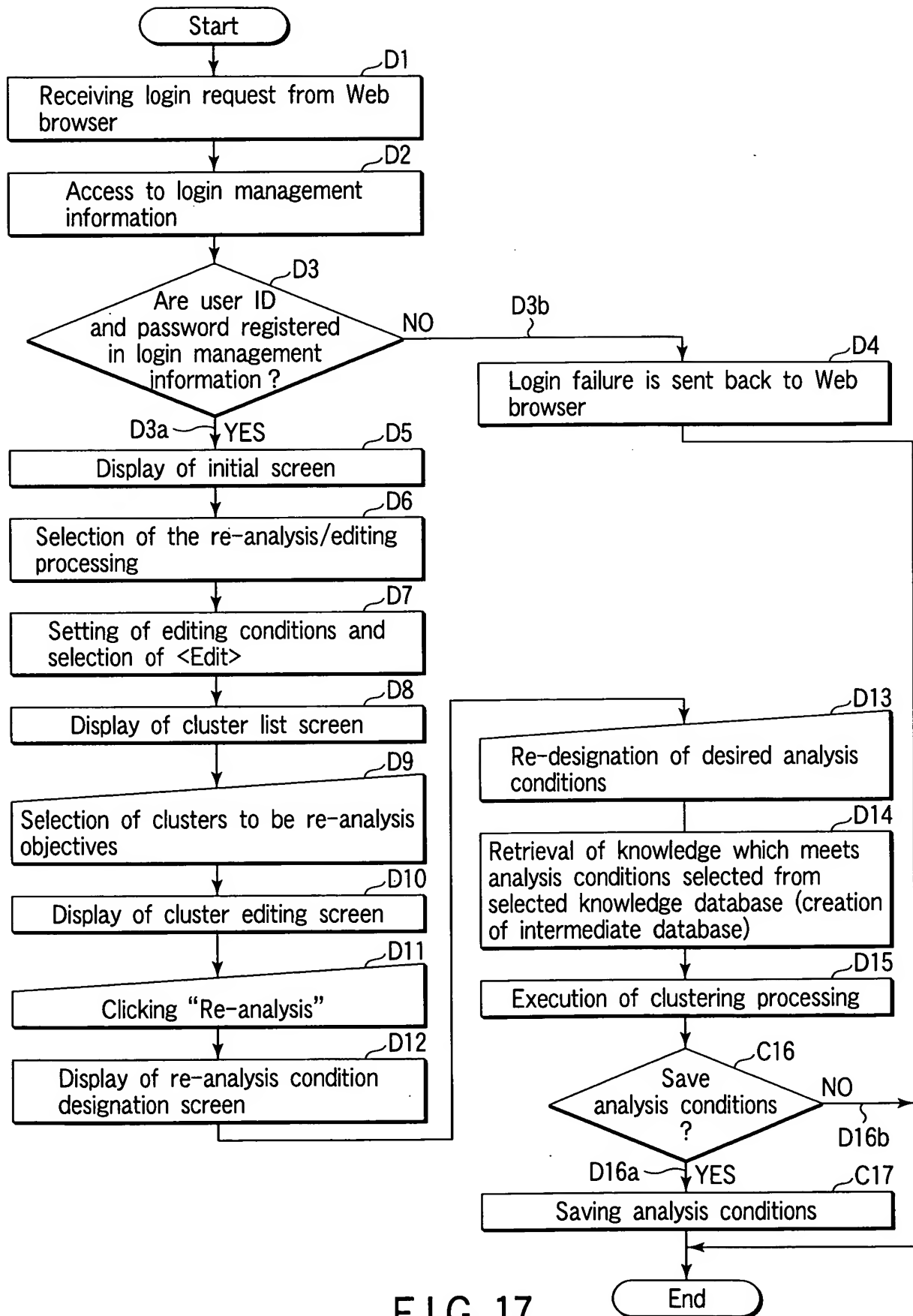


FIG. 17

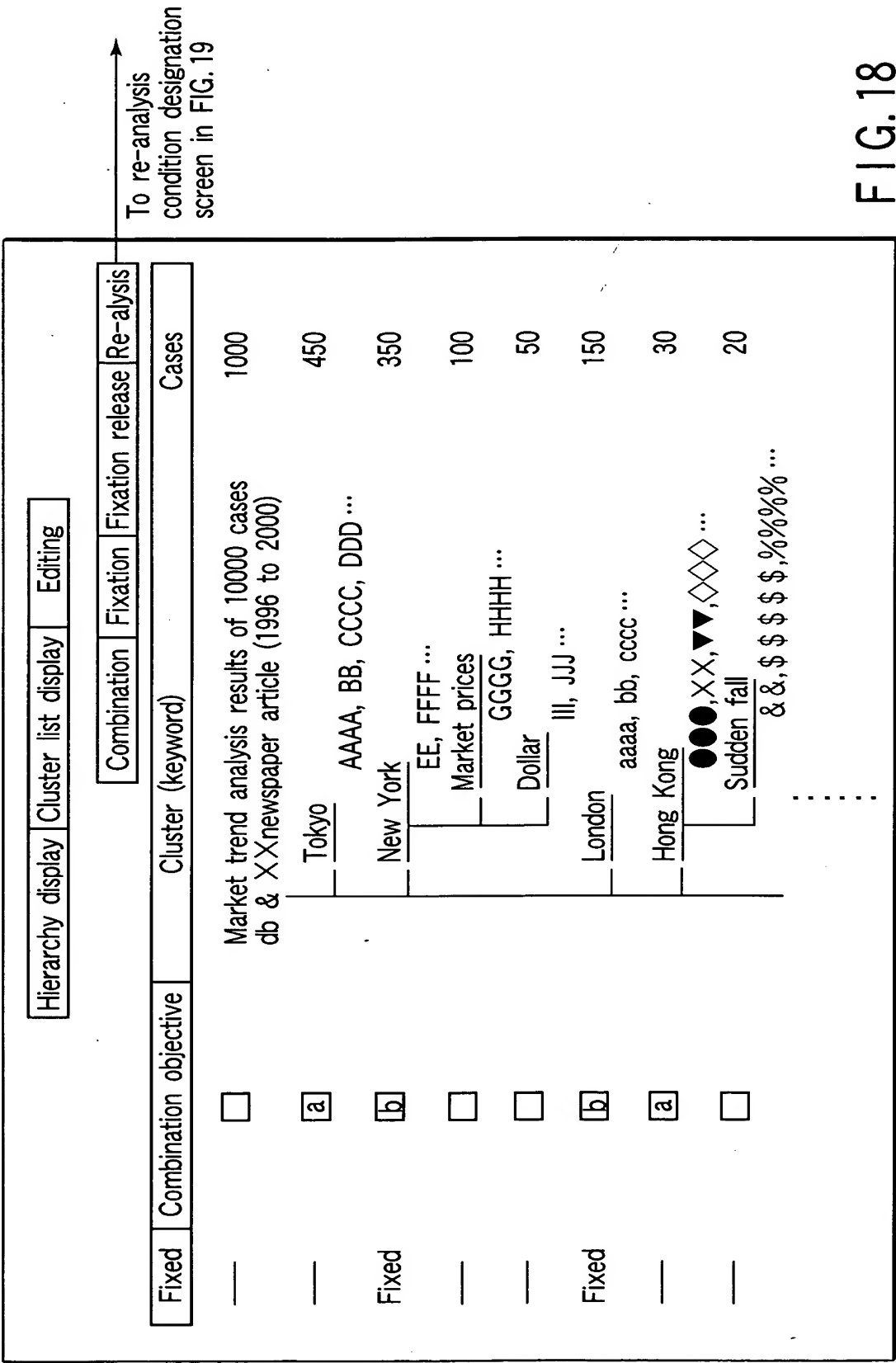


FIG. 18

Re-analysis processing →

Re-analysis condition designation	Input analysis conditions	Enter
<p>Analysis objective DB : • 10000 cases db (No.1 10225 cases) • XXnewspaper article (as of 1999 10000 cases)</p> <p>Analysis result name : Market trend analysis results of 10000 cases db & XXnewspaper articles (1996 to 2000)</p> <p>Analysis objective period : January 1, 1966 to December 31, 2000</p> <p>Focusing keyword : Tokyo New York London</p> <p>Number of focusing cases : 1000 cases</p> <p>Number of hierarchies : 2-class layer</p> <p>Overlap of knowledge : Present</p> <p>Maximum number of most significant clusters : 30 pieces</p> <p>Important word :</p> <div style="border: 1px solid black; padding: 2px; margin: 2px 0;"> Market price Market Stocks Securities Pensions Economy Banks Money interests Currency Monetary relaxation Bad loans </div> <p>Unnecessary word :</p> <div style="border: 1px solid black; padding: 2px; margin: 2px 0;"> Sports Social issues Accidents </div> <p>Synonymous word :</p> <div style="border: 1px solid black; padding: 2px; margin: 2px 0;"> NY = New York = NEW YORK; ●●● = ○○○○ ; </div>		

FIG.19

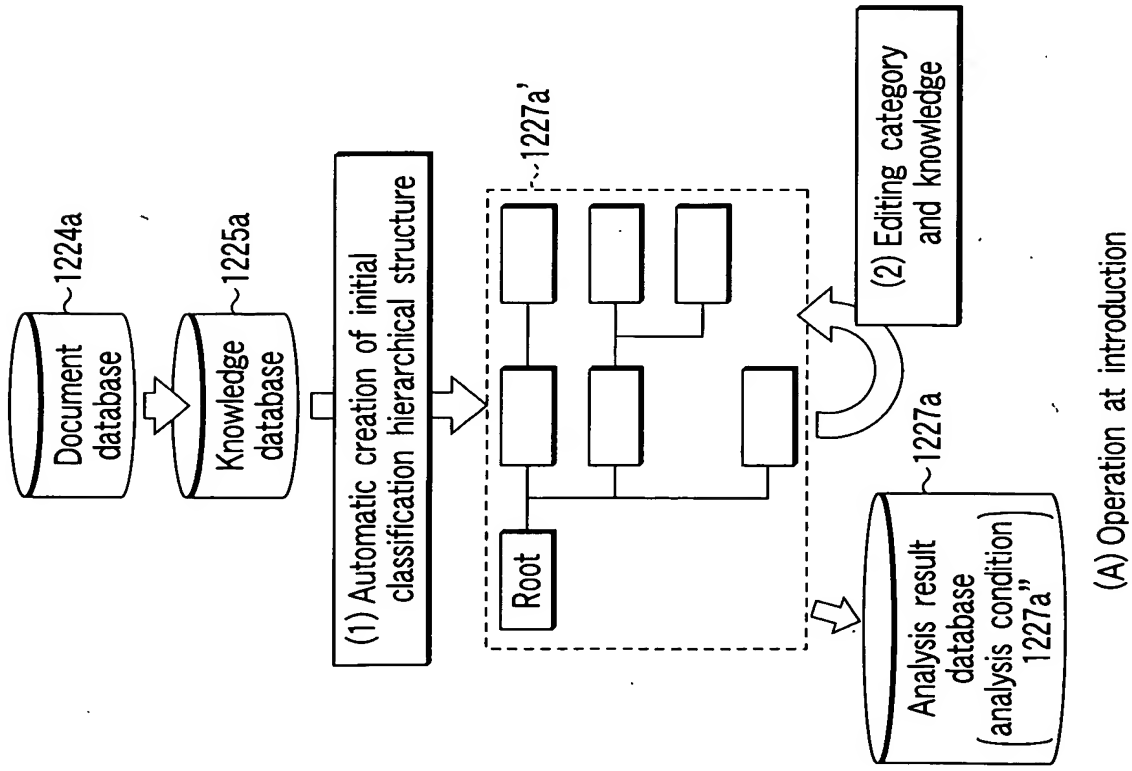


FIG. 20A

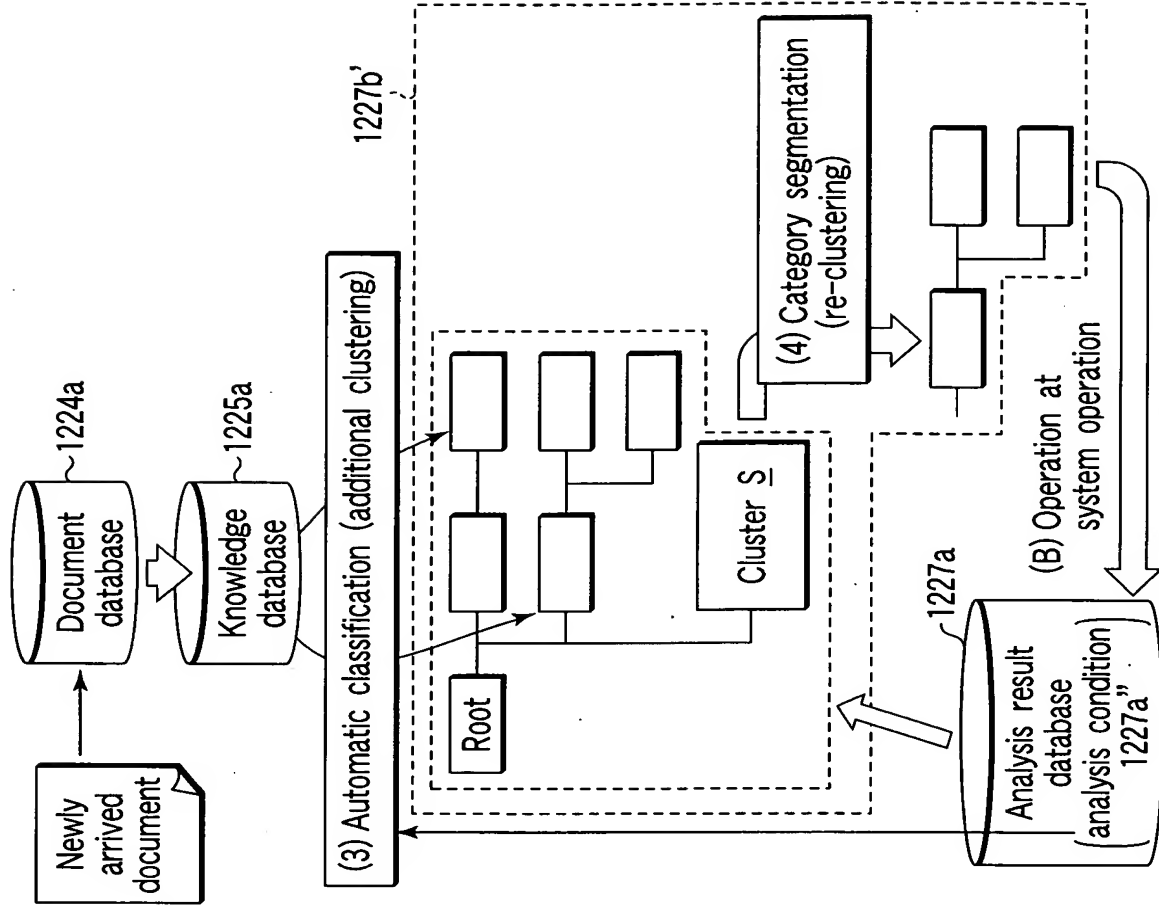


FIG. 20B

